

Amendments to the Specification

Please replace paragraph [0023] in the originally filed specification with the following paragraph including insertions.

[0023] Preferably, embodiments include security or authentication systems 4038, such as use of personal codes or passwords that can be transmitted from a user's personal electronic device or entered via an input device. Embodiments preferably sense an approaching user, as with motion sensors or pressure sensors embedded in surrounding floor material, and send inquiries via wireless communications protocols to determine whether the user is carrying an electronic device that can provide identification and/or password, as by virtual business card or the like. Additionally, embodiments can employ voice authentication, allowing a user to speak his/her name and/or a password.

Please replace paragraph [0033] in the originally filed specification with the following paragraph including insertions.

[0033] As mentioned above, the device 1 includes at least one data port 16. Preferably, the device includes at least one audio input port 21 and an audio data handler module controlled by the controller and comprising a plurality of UI elements representing different audio functions. At least one of the plurality of UI elements can represent telephone communication, and the device can further comprise a telephone module in communication with the audio data handler module. The audio data handler module would then accept audio input from the at least one audio input port 21 and send it to the telephone module, and the telephone module would send the audio over a telephone connection. Thus, the device can be used to make telephone calls. Such calls can be made using conventional telephone communications, according to embodiments. Additionally, calls can be made using voice-over-IP communications, in which case the device includes a voice-over-IP module in communication with the audio data handler module. The voice-over-IP module accepts audio input from the at least one audio input port, sending it to the voice-over-IP module, which sends the audio over

an IP connection. Preferably, at least one of the plurality of UI elements represents voice-over-IP communication.

Please replace paragraph [0037] in the originally filed specification with the following paragraph including insertions.

[0037] Embodiments also preferably provide users the ability to use video data for teleconferencing and other applications. Thus, at least one data port of embodiments includes one or more video input ports and a video module controlled by the controller. Additionally, embodiments include a camera 34 connected to a video input port and sending video data to the video handling module. The video handling module can then create an image file, a movie file, or send the video data to other modules for other purposes. Preferably, the UI of the device includes elements representing different video functions. Preferably, embodiments include UI elements representing image and/or video file creation activating a video file creation module in communication with the video module. The video file creation module accepts video input from the at least one video input port, including from a camera 34, and sends it to the video file creation module, which encodes the video data and stores it in a file. Where an image file is created, well known formats, such as TIFF, GIF, JPEG, and the like can be employed. Where a movie file is created, well known formats, such as MPEG, AVI, and QuickTime.RTM. can be employed. Once created, still images from movie files and image files can be transmitted, transferred, and printed as the user desires.

Please replace paragraph [0038] in the originally filed specification with the following paragraph including insertions.

[0038] To facilitate teleconferencing, embodiments can include a videoconferencing module in communication with the video module, the audio feedback device, and the audio input port. The video module accepts video from the camera 34 and audio input from an audio input port 21, as is known, and the videoconferencing module sends the video to a videoconference. In addition, the videoconferencing module receives video

and audio data and sends it to the video module and the audio feedback device. The video module can then, for example, display the video data on a display device 33 of the multifunction device. In embodiments, users can select where the video data should be displayed, including a selection of displays on the multifunction device, a portable device connected to the multifunction device, or another device of the users' choosing.

Please replace paragraph [0043] in the originally filed specification with the following paragraph including insertions.

[0043] A preferred configuration of embodiments comprises a chassis of at least one tower that houses the marking engine, scanning engine, faxing engine, the microprocessor controller, storage devices, display devices, and data ports. Preferably, the hub of embodiments comprises two towers between which extends a display device, such as a plasma or LCD display, and a work surface 50. The display device can have a camera 34 and microphone 39 mounted thereon, and the work surface can have the scanning engine embedded therein. Additionally, embodiments include mounting a second display on the back of the display extending between the towers, and additional embodiments preferably include one or more additional displays mounted on surfaces of the towers so that more than one user can access the hub at once. All of the displays preferably have input devices associated therewith, such as keyboards and pointing devices. Alternatively, one or more of the displays can be touch sensitive displays that can serve as pointing devices and keyboards in conjunction with appropriate UI elements.

Please replace paragraph [0046] in the originally filed specification with the following paragraph including insertions.

[0046] Additional data ports can include a parallel interface port 26 and/or a serial interface port 27. The devices that can connect to the hub preferably include portable or laptop computers, personal digital assistants (PDAs), cellular telephones, and storage devices. Preferably, the chassis includes an interface to accommodate one or more

types of flash memory, and at least one USB port. In preferred embodiments, as discussed above, the hub can include an optical media drive that preferably can read and write optical media, such as DVDs and CDs.

Please replace paragraph [0050] in the originally filed specification with the following paragraph including insertions.

[0050] To enable remote printing for users, embodiments provide lockable printing in various forms. For example, jobs for which a user is likely to wait can be held on a storage medium or in memory until the user arrives and provides a code. For jobs for which a user is less likely to wait, secure output areas 41 can be provided that remain locked closed until the user arrives, at which point the UI of the hub directs the user to the appropriate output area on confirmation of ID and/or password.

Please replace paragraph [0052] in the originally filed specification with the following paragraph including insertions.

[0052] As an example of a scenario in which embodiments can be employed, consider John, traveling on business, who has arrived at Chicago's O'Hare airport. The next morning, he has an important meeting with a new client, and he did not want to carry the 20 full color presentation packages with him, due to weight and space constraints. Instead, John had sent a command through, for example, the Xerox service network from his wireless PDA to order printing, collation, and stapling of the presentation materials from a public access hub according to embodiments. About 30 minutes before John landed, the hub had printed, collated, and stapled these materials and held them in a secure output tray 41.